

FIG. 1

PULSE WIDTH TESTING AND DATA OUTPUT SECTION

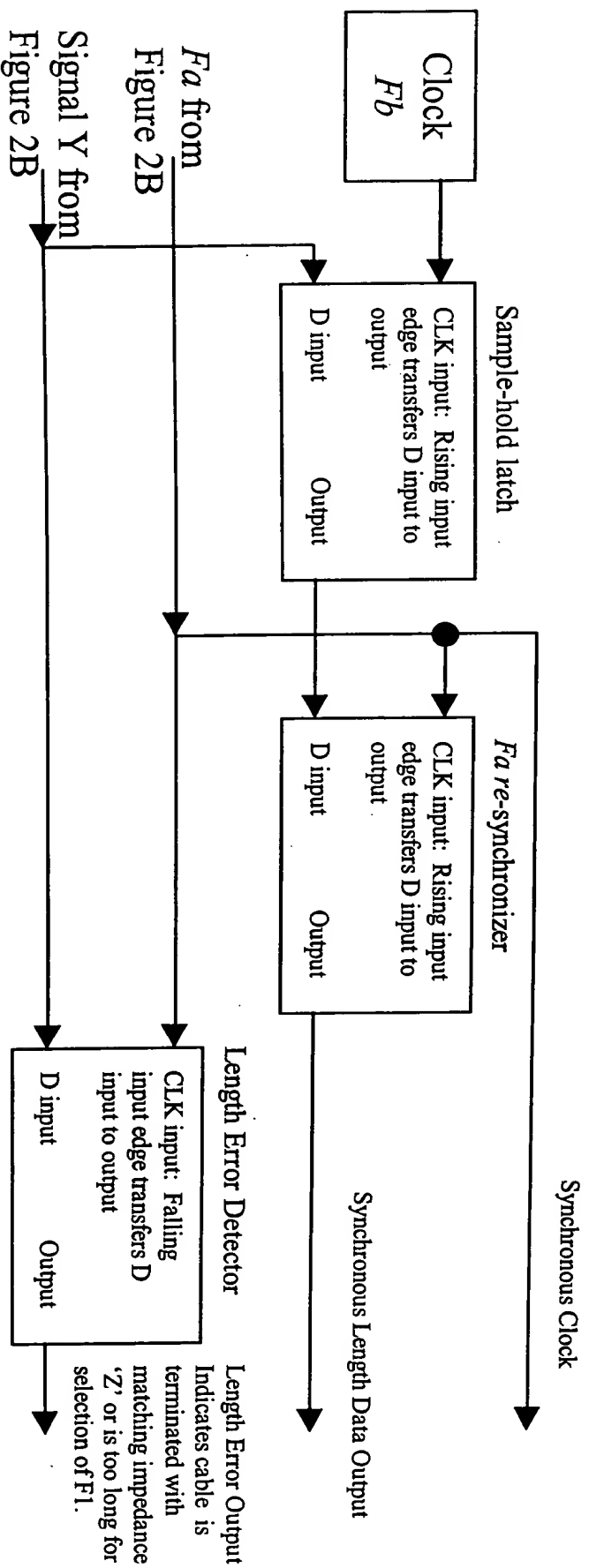


FIG. 2A

CABLE-LENGTH-CONTROLLED PULSE WIDTH OSCILLATOR SECTION

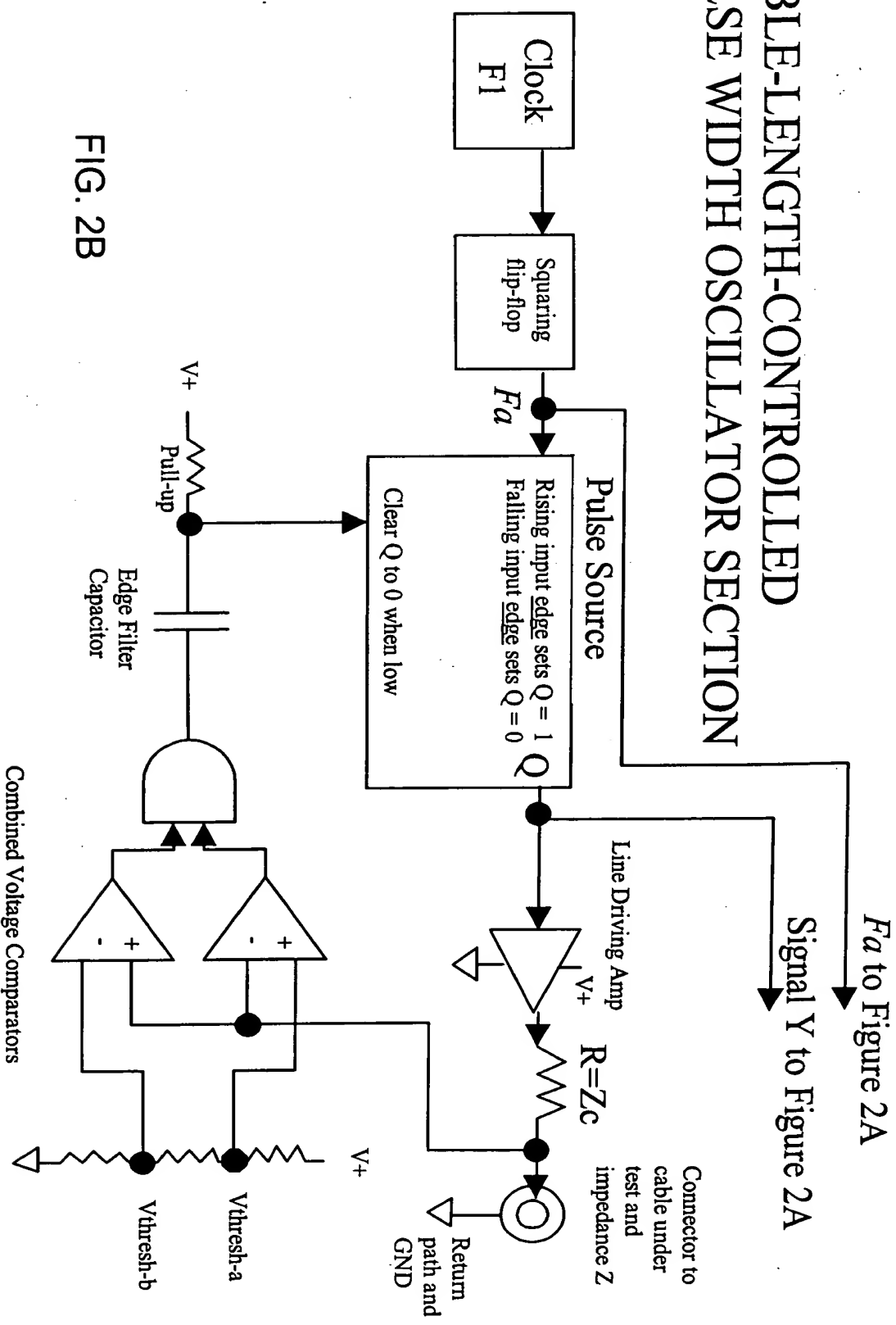


FIG. 2B



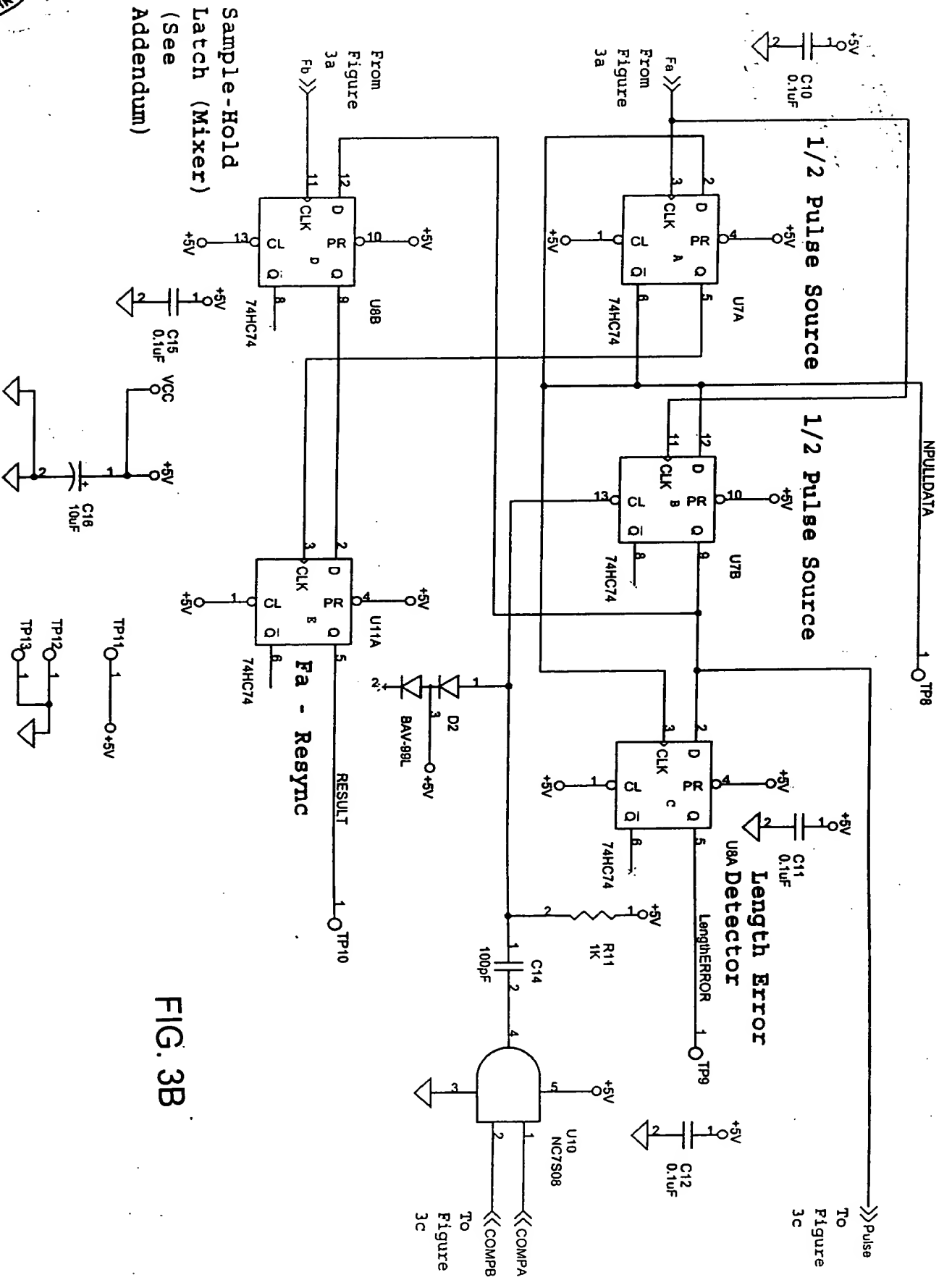


FIG. 3B

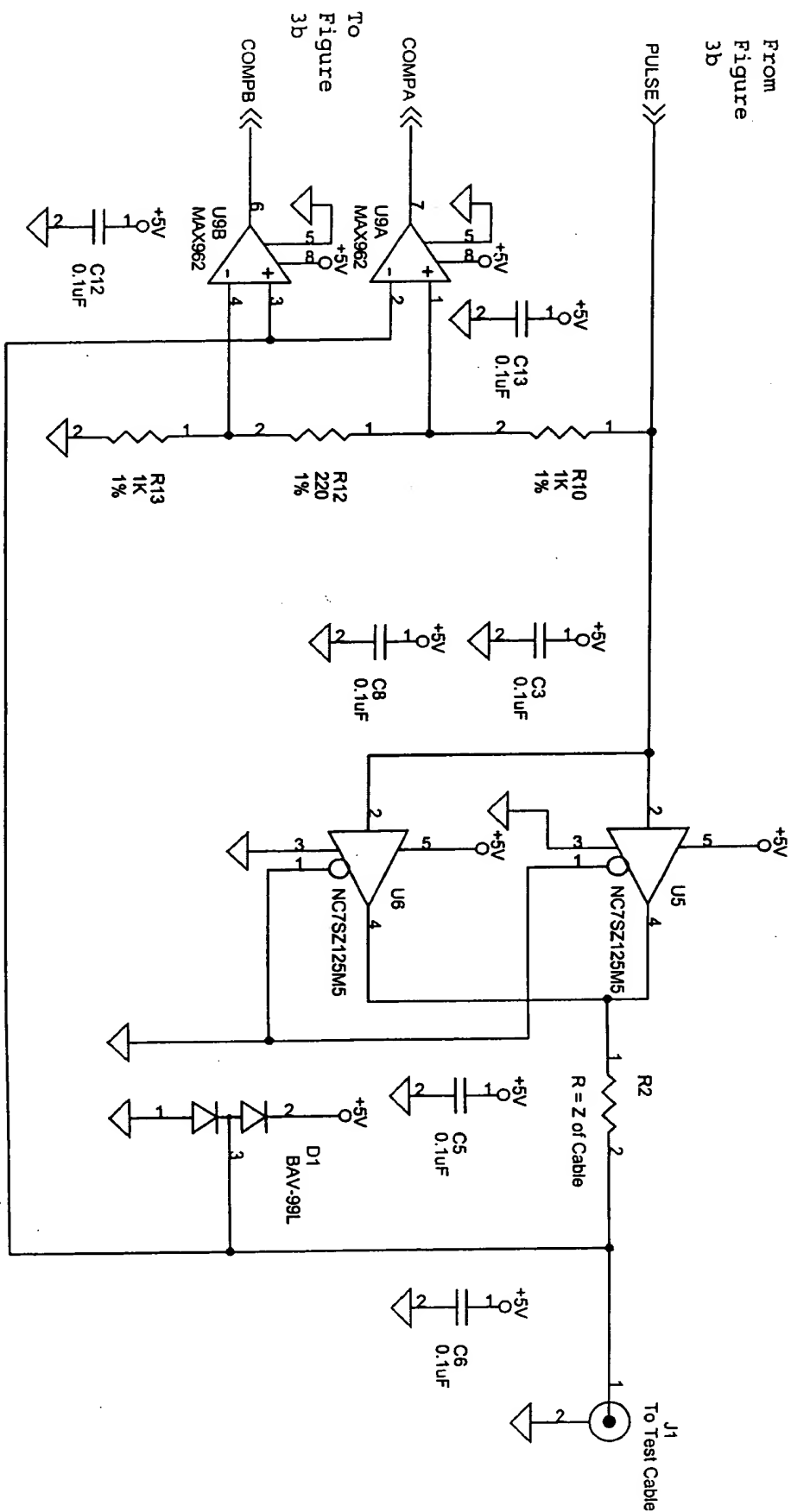
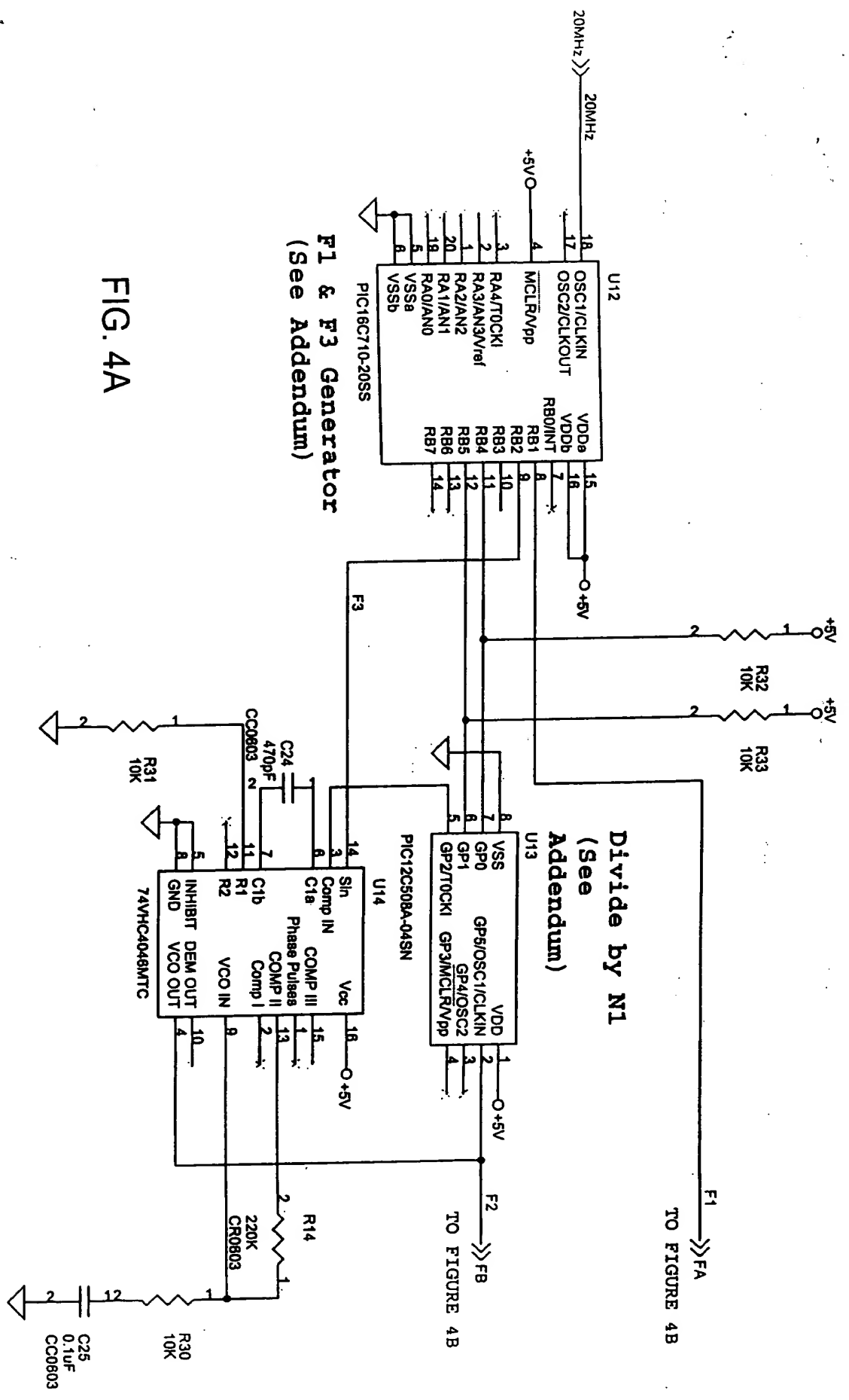
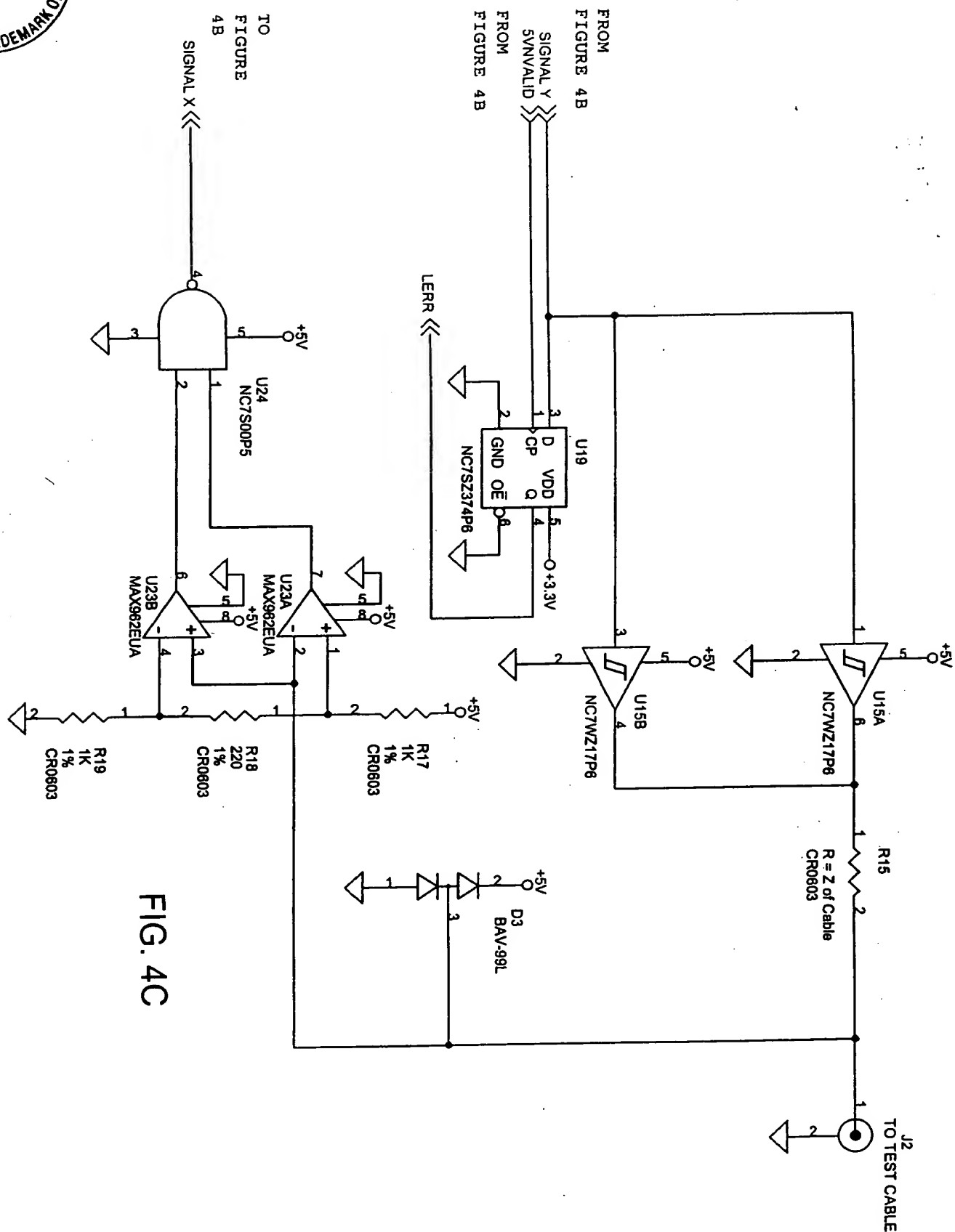


FIG. 3C





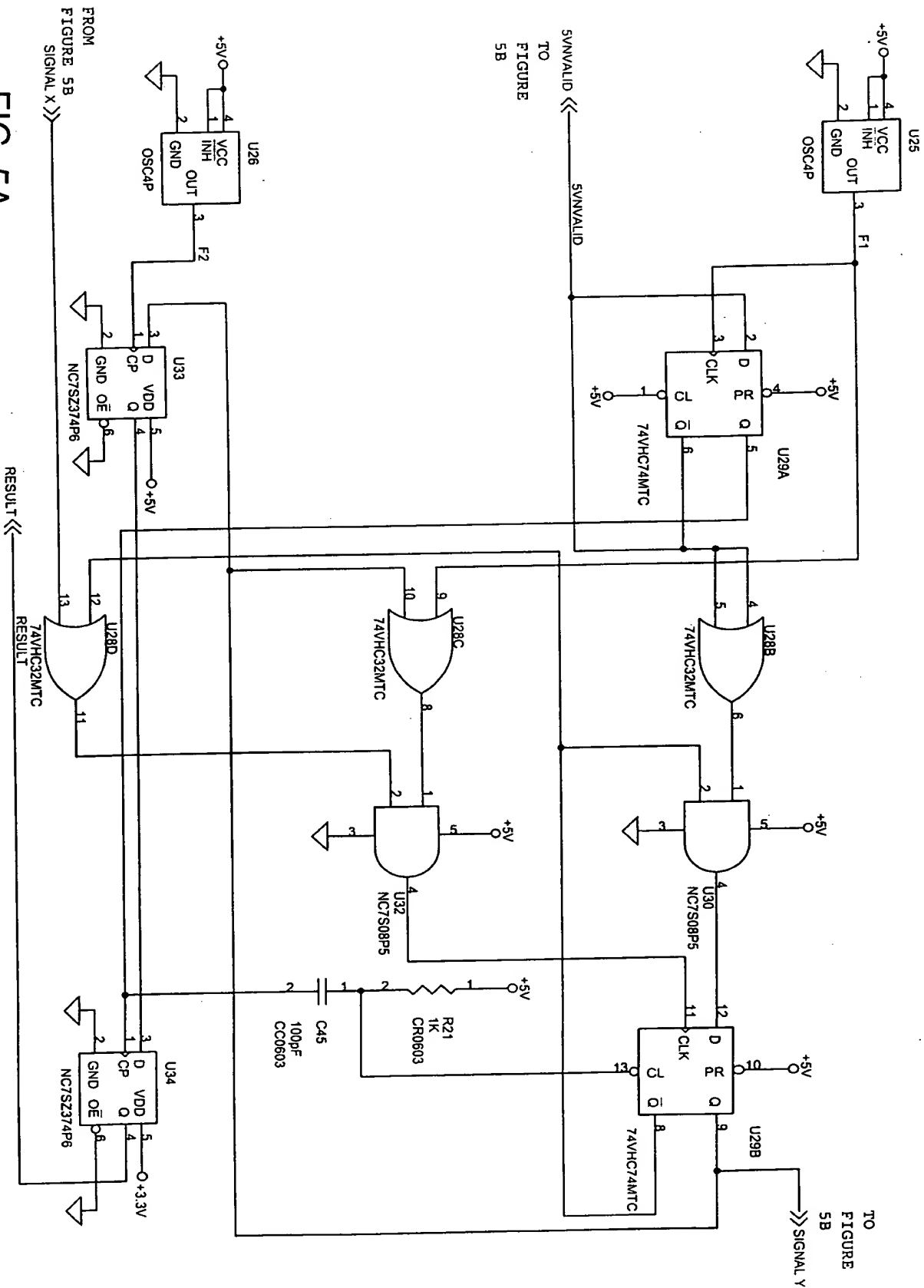


FIG. 5A

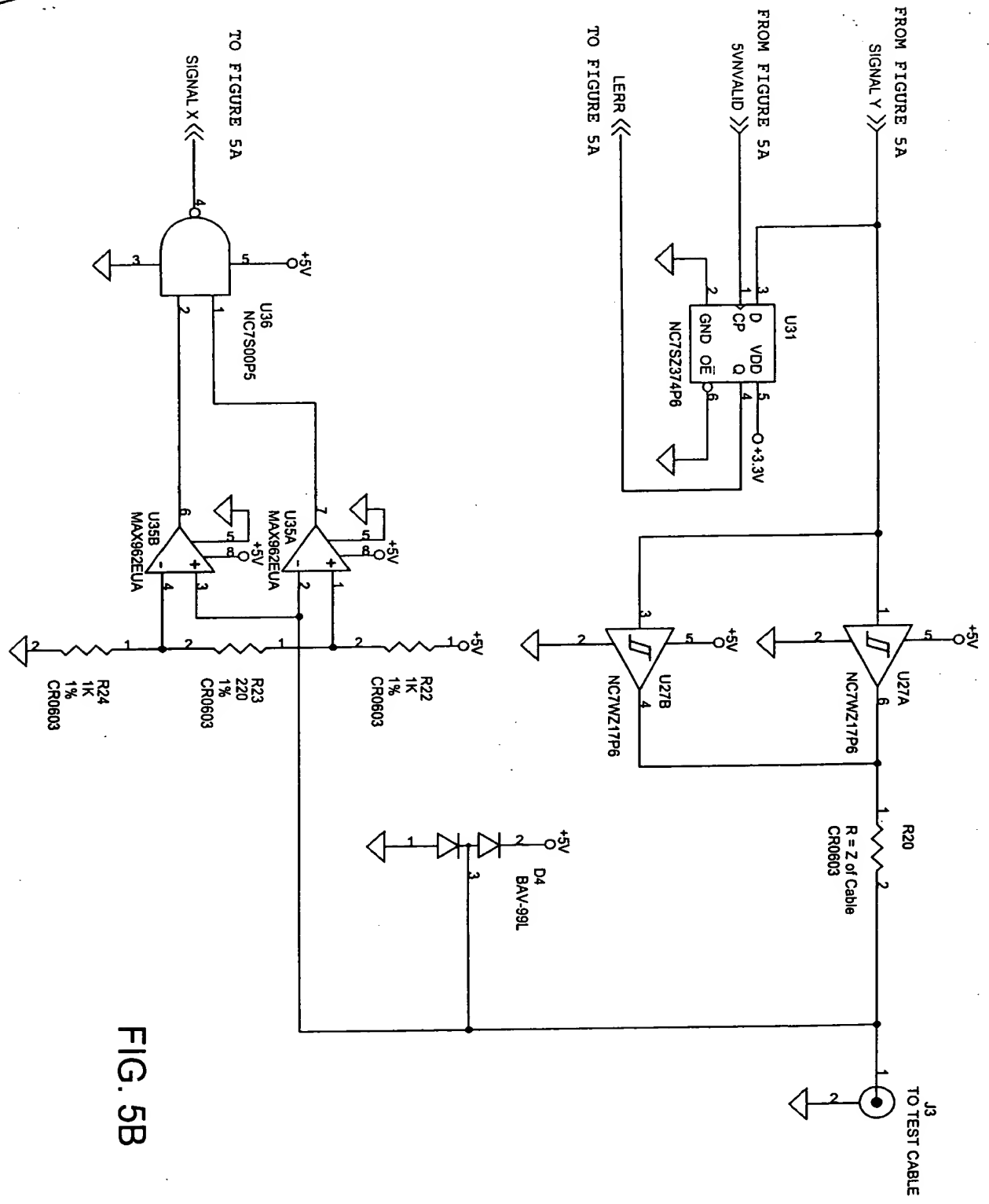
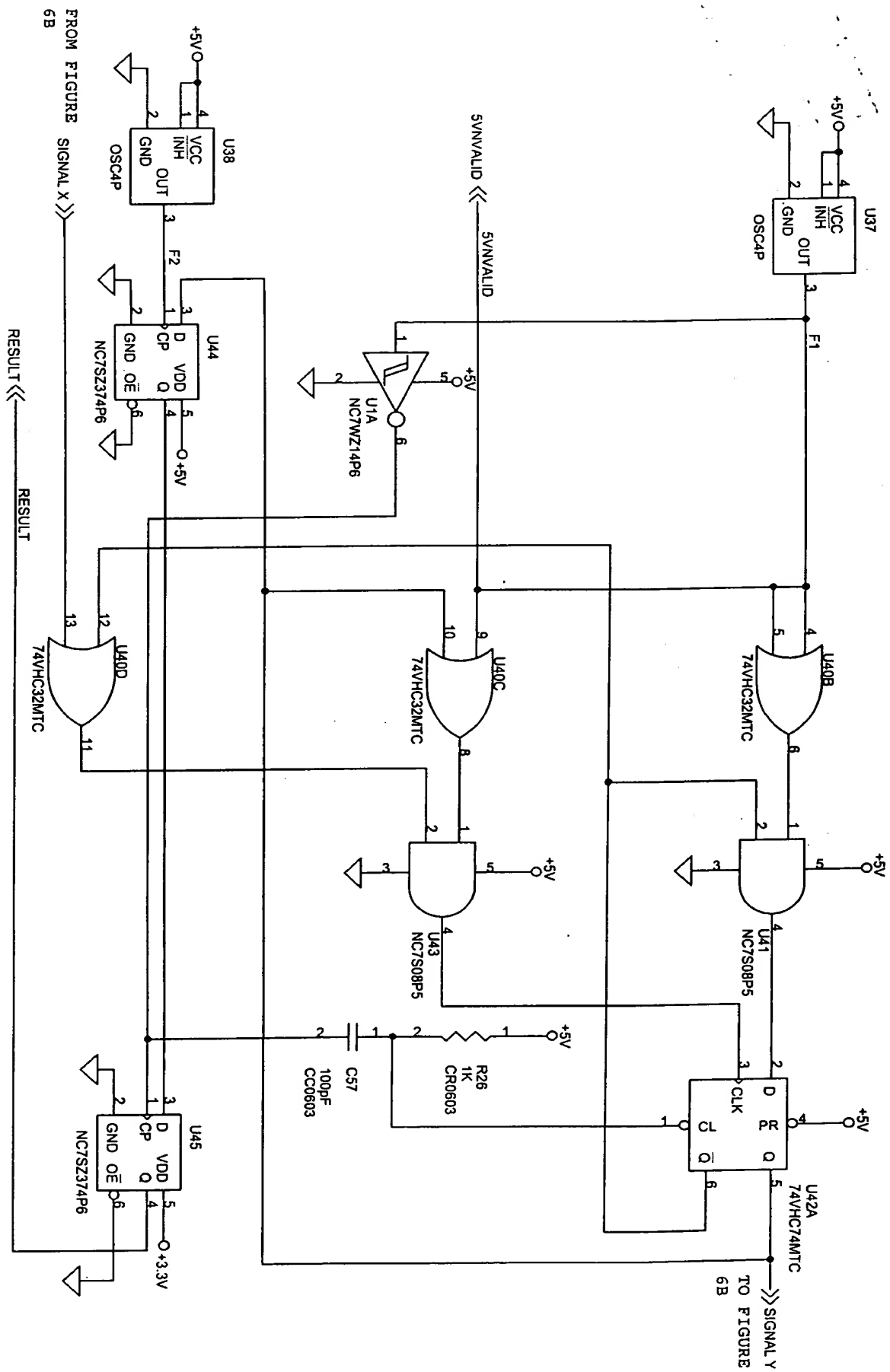


FIG. 5B

FIG. 6A



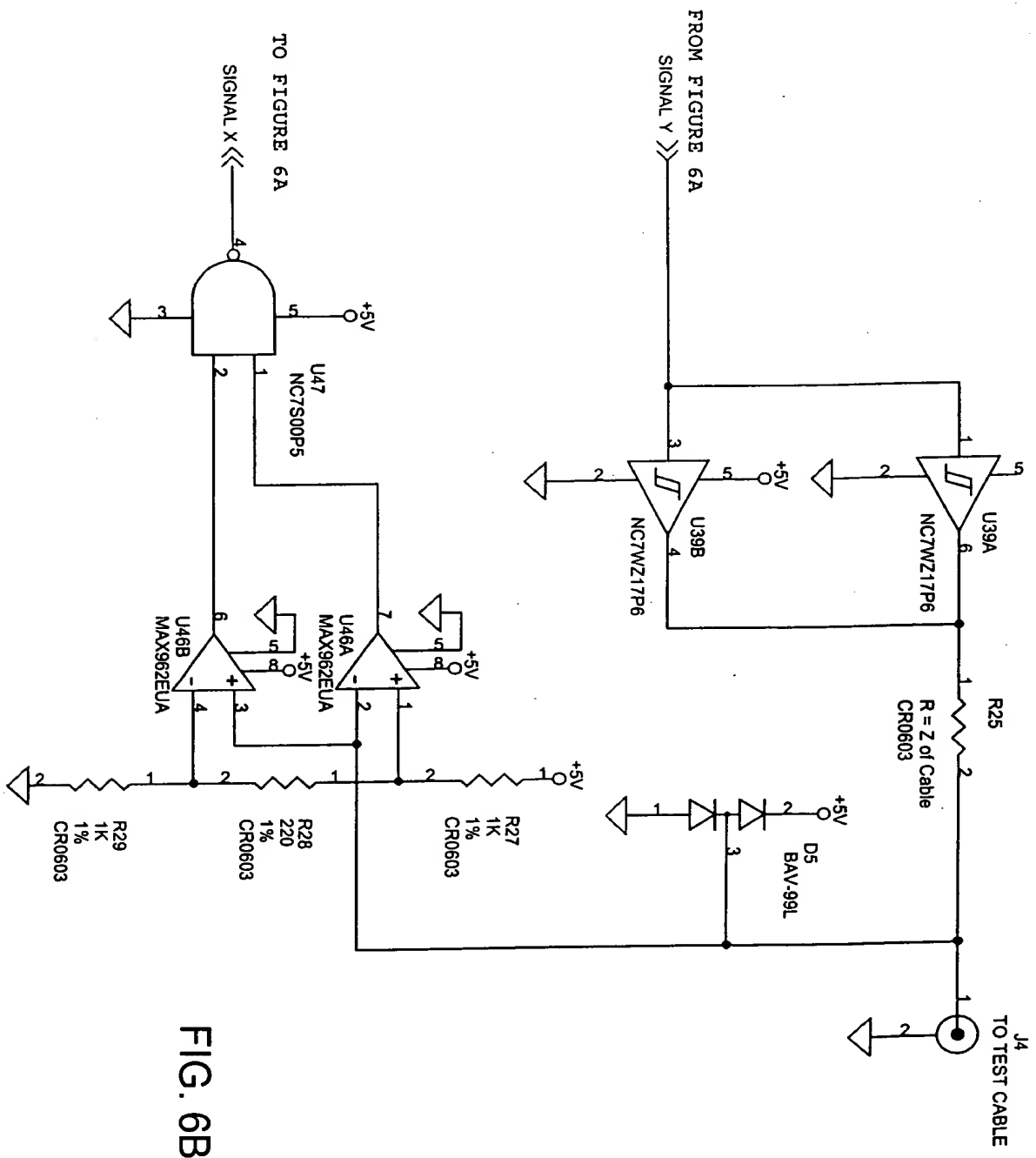


FIG. 6B

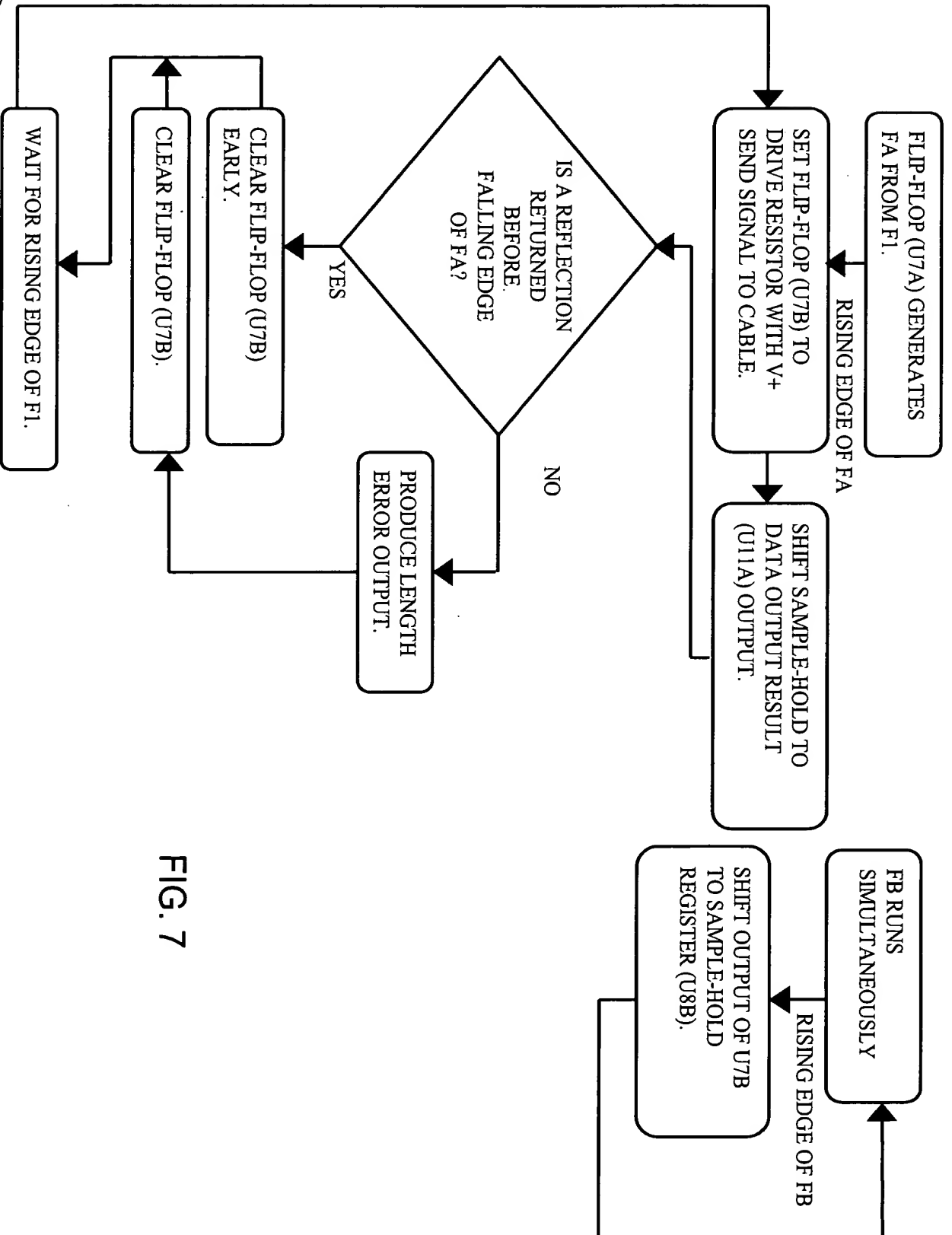


FIG. 7

